

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	09/784,630	SANO ET AL.	
	Examiner	Art Unit	
	Jamie Vent	2616	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/22/2006.
2. ☒ The allowed claim(s) is/are 1,3-6,8 and 10-20.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

## DETAILED ACTION

### *Allowable Subject Matter*

Claims 1-20 are allowed.

The following is an examiner's statement of reasons for allowance:

In regard to independent Claims 1 and 4 Ono et al discloses a system, which receives a series of data packets that are transmitted over a serial bus as seen in Figure 11. The serial packets are divided into data groups and data packets with reproduction specification time data that specifies a time at which each piece in the data groups should be reproduced as described in Paragraphs 0012-0018. A time difference is calculated by the difference between the SYT extraction section before and after the bus resets. Additionally, it is disclosed that time difference is subtracted from the cycle time after the bus reset to generate a dummy cycle time as further described in Paragraphs 0012 and Paragraphs 0087-0224. However, the prior art of record fails to disclose or suggest a difference taking step and a replacing step that are skipped as recited in Claims 1 and 4:

***"..taking a time difference between a requested time of arrival written in a header portion and a cycle time at a time of reception with respect to said series of data packets, thereby deriving a relative value between said requested time of arrival and said cycle time; wherein said difference taking step and said replacing step are skipped when said series of data packets is directed to first kind of storage medium in which said series of data packets is directed to second kind of***

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***storage medium in which said series of data packets is not stored based on cycle time.”***

In regard to Claims 6 and 8, Ono et al discloses a system, as recited in Claim 1, wherein a series of data packets, taking the sum of a relative value is written in the head portion as described in Paragraph 0018. The sum of the relative value is taken from the dummy SYT and through subtraction of the cycle time after the bus resets as recited in Paragraphs 0012 and Paragraphs 0087-0224. However, the prior art of record fails to disclose or suggest a sum-taking step and replacing step are skipped as recited in Claims 6 and 8:

***“..wherein said sum-taking step and said replacing step are skipped when said series of data packets are fed from a storage medium in which data storage is based on said cycle time, and are performed when said series of data packets are fed from a storage medium in which data storage is not based on cycle time”.***

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

#### **Contact Information**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jamie Vent whose telephone number is 571-272-7384. The examiner can normally be reached on 7:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Jamie Vent  
02/17/2006

MEHRDAD DASTOURI  
SUPERVISORY PATENT EXAMINER  
TC 2600

*Mehrdad Dastouri*